

Quince Orchard Road -- No. 500502

Category
Agency
Planning Area
Relocation Impact

Transportation
Public Works & Transportation
Gaithersburg Vicinity
None.

Date Last Modified
Required Adequate Public Facility

May 15, 2006
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY05	Est. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	872	147	422	303	303	0	0	0	0	0	0
Land	508	0	508	0	0	0	0	0	0	0	0
Site Improvements and Utilities	982	0	564	418	418	0	0	0	0	0	0
Construction	1,914	0	1,026	888	888	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,276	147	2,520	1,609	1,609	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	4,254	147	2,498	1,609	1,609	0	0	0	0	0	0
Intergovernmental	22	0	22	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

Energy				20	0	4	4	4	4	4	0
Net Impact				20	0	4	4	4	4	4	0

DESCRIPTION

This project is to provide safety spot improvements along 1.7 miles of Quince Orchard Road between Darnestown Road (MD 28) and 800' south of Horse Center Road. Improvements include modifications to the median and entrance at the Quince Orchard High School, sight distance improvements near the intersection of Wonder View Way, modification to the super elevation of Quince Orchard Road at the intersection with Damson Drive. The project also includes a new right turn lane from Quince Orchard Road to Dufief Mill Road. Provisions for pedestrians include a separated eight-foot wide bikeway along the entire west side of Quince Orchard Road from Darnestown Road to 800' south of Horse Center Road, and the construction of missing links of sidewalk along the east side of the roadway from Darnestown Road to Quince Mill/Turley Drive.

Service Area

Potomac Subregion (semi-rural residential area).

Capacity

Roadway capacity will remain the same.

JUSTIFICATION

This project will provide safety improvements: at Quince Orchard High School, at the intersection of Wonder View Way and Quince Orchard Road, and at the intersection with Damson Drive. To encourage alternate modes of travel and enhance pedestrian safety this project will provide a separated bikeway and sidewalks. Specific improvements include: widening the existing medians and aligning the entrance of the Quince Orchard High School with the shopping plaza to avoid haphazard crossing by the students, to reduce speed, and provide greater refuge area for pedestrians, especially students; improvements to the vertical curvature near the intersection of Wonder View Way and Quince Orchard Road to increase the sight distance for drivers and enhance safety.

Plans and Studies

The Department of Public Works and Transportation (DPWT) prepared a Transportation Facility Planning Study document entitled "Quince Orchard Road - Project Prospectus" in November 2001 which is consistent with the approved 2002 Potomac Subregion Master Plan. A pedestrian impact analysis has been completed for this project.

Cost Change

Construction cost increased due to higher unit prices in pavement and two phase construction.

STATUS

Phase I under construction, Phase II final design stage.

OTHER

Intergovernmental funding includes contributions by Washington Suburban Sanitary Commission (WSSC) towards water and sewer relocation.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY05	(\$000)
Initial Cost Estimate		3,829
First Cost Estimate		
Current Scope	FY05	3,829
Last FY's Cost Estimate		3,829
Present Cost Estimate		4,276

Appropriation Request	FY07	447
Appropriation Request Est.	FY08	0
Supplemental		
Appropriation Request	FY06	0
Transfer		0

Cumulative Appropriation	3,829
Expenditures/ Encumbrances	216
Unencumbered Balance	3,613

Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Department of Public Libraries
U.S. Army Corps of Engineers
Department of Environmental Protection
Maryland Department of Natural Resources
Maryland-National Capital Park and Planning
Commission
Montgomery County Public Schools
US Fish and Wild Life Service
UpCounty Regional Services Center
Washington Suburban Sanitary Commission
PEPCO

MAP

See Map on Next Page

